Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method in a computing environment for determining and storing a~~n~~ assigned time zone for healthcare information for a patient, the method comprising:

receiving healthcare information having an associated time and date for a patient;

executing ~~determining~~ by a computing device, a time zone source rule to determine a time zone that applies to the healthcare information based at least partially on a type of the healthcare information;

assigning the time zone to the healthcare information, the time zone including a patient's time zone, a user's time zone, a system's time zone, or a user-entered time zone, the time zone now an assigned time zone;

~~obtaining by the computing device, the time zone source rule that applies to the healthcare information, wherein the time zone source rule comprises one or more of a patient's time zone rule, a user's time zone rule, a user entered time zone rule, and a system's time zone rule;~~

~~utilizing by the computing device, the time zone source rule to determine a time zone for the time and date associated with the healthcare information;~~

converting by the computing device, the time and date associated with the healthcare information into coordinated universal format; and

storing in one or more computer-readable media, the <u>assigned</u> time zone<u>,</u> [[with]] the healthcare information<u>, and</u> ~~; and~~

~~storing~~ the time and date in coordinated universal format ~~with the~~ ~~healthcare information~~.

2.   (Currently Amended) The method of claim 1, wherein the <u>assigned</u> time zone ~~source rule comprises~~ <u>is</u> the patient's time zone [[rule]] and ~~applies~~ the time zone of the location of the patient<u> is assigned to the healthcare information</u>.

3.   (Original)   The method of claim 2, further comprising:

determining whether the patient location is available and if so, obtaining the time zone associated with the patient location.

4.   (Original)   The method of claim 3, wherein if the patient location is not available, determining whether the time zone is specified by an interface.

5.   (Original)   The method of claim 4, wherein if the time zone is not specified by the interface, applying the time zone of an end user.

6.   (Currently Amended) The method of claim 1, wherein the <u>assigned</u> time zone ~~source rule comprises~~ <u>is</u> the user entered time zone [[rule]] and ~~applies~~ a user-entered time zone<u> is received from a user and assigned to the healthcare information</u>.

7.   (Canceled)

8.   (Currently Amended) The method of claim 1, wherein the <u>assigned </u>time zone ~~source rule~~ is the user's time zone [[rule]] and ~~applies~~ the time zone of the location associated with a user entering the healthcare information for a patient<u> is assigned to the healthcare information</u>.

9.   (Original)   The method of claim 8, further comprising:

obtaining the user location and time zone of the user location.

10.   (Currently Amended) The method of claim 1, wherein the type of healthcare information is one or more clinical event results, and wherein ~~the time zone source rule that applies to the healthcare information is~~ the patient's time zone [[rule]] <u>is assigned to the healthcare information</u>.

11.   (Currently Amended) The method of claim 1, wherein the type of healthcare information is <u>documentation of </u>one or more user interactions with the system, [[and]] wherein <u>executing </u>the time zone source rule ~~that applies to the healthcare information is the~~ <u>assigns the </u>user's time zone [[rule]] <u>to the healthcare information, and wherein the documentation includes one or more of test results, analysis of test results, analysis of patient data, notes, endorsements, and orders</u>.

12.   (Currently Amended) The method of claim 1, wherein the type of healthcare information is patient and historical information for the patient, and wherein <u>executing </u>the time zone source rule ~~that applies to the healthcare information is~~ <u>assigns </u>the user-entered time zone [[rule]] <u>to the healthcare information</u>.

13 - 14.   (Canceled)

15. (Currently Amended) The method of claim 1, wherein ~~executing~~ ~~determining~~ by a computing device, a time zone source rule to determine a time zone that applies to the healthcare information based at least partially on a type of the healthcare information further comprises:

accessing a database.

16. (Currently Amended) A method in a computing environment for storing a time zone associated with healthcare information, the method comprising:

receiving healthcare information for a patient that has an associated date and time element;

determining, based on the healthcare information including results of one or more clinical events associated with the patient ~~based at least partially on a type of the healthcare information~~, that a ~~patient's~~ time zone of a patient's location [[rule]] applies to the healthcare information, ~~wherein the patient's time zone rule applies to the type of healthcare information that includes results of one or more clinical events associated with the patient~~;

determining, ~~based on the patient's time zone rule,~~ the time zone of the patient location;

assigning the time zone of the patient location to the healthcare information;

converting at a computing device the associated date and time element into universal time format;

storing by the computing device the time zone of the patient location for the healthcare information in one or more computer-readable media; and

storing the associated date and time element in universal time format.

17.   (Canceled)

18.   (Currently Amended) A method in a computing environment for storing a time zone associated with healthcare information, the method comprising:

receiving healthcare information from a user for a patient, the healthcare information having an associated date and time element;

determining, ~~based at least partially on a type of the healthcare information~~ that [[a]] <u>the</u> user's time zone [[rule]] applies to the healthcare information, ~~wherein the user's time zone [[rule]] applies to the type of healthcare information that includes~~ <u>based on the healthcare information including documentation</u> [[data]] produced by an interaction between [[a]] <u>the</u> user and a healthcare information system;

determining, ~~based on the user's time zone rule,~~ the time zone of the location of the user;

<u>assigning the time zone of the location of the user to the healthcare information;</u>

converting, by a computing device, the associated date and time element into coordinated universal format;

storing, by the computing device, the time zone of the user location, in one or more computer-readable media; and

storing the date and time element in coordinated universal format.

19.   (Currently Amended) The method of claim 18, wherein the time zone of the user location is [[the]] determined by accessing a staff scheduling database.

20.   (Original)   The method of claim 18, wherein the time zone of the user location is based on the location of a user device.

21.   (Original)   The method of claim 18, wherein the time zone of the user location is the user login preference.

22.   (Original)   The method of claim 18, wherein the time zone of the user location is determined by the server device setup.

23.   (Currently Amended) A computer-implemented method performed by a computing device having a processor and a memory for displaying an assigned time zone for patient healthcare information, the method comprising:

    receiving a request for healthcare information for a patient, the healthcare information including an associated date and time for the healthcare information, wherein the associated date and time are stored in a coordinated universal format;

    obtaining the healthcare information and the associated date and time;

    obtaining [[the]] an assigned time zone stored for the healthcare information, wherein the assigned time zone stored for the healthcare information is determined by a result of applying a time zone source rule one or more of a patient's time zone rule, a user's time zone rule, a user-entered time zone rule, and a system's time zone rule to the associated date and time based on a type of the healthcare information;

converting by a computing device, the associated date and time from the

coordinated universal format to an equivalent time based on the <u>assigned</u> time

zone; and

displaying by the computing device on an associated display device, the

date and time for the healthcare information in the equivalent time for the

<u>assigned</u> time zone.

24.   (Original)   The method of claim 23, further comprising:

obtaining the stored date and time in Coordinated Universal Time.

25.   (Original)   The method of claim 24, further comprising:

displaying the healthcare information for the patient in chronological

order.

26.   (Currently Amended) One or more computer-readable media having

computer-executable instructions embodied thereon that, when executed, provide a

computerized system for determining and storing a<u>n assigned</u> time zone for healthcare

information for a patient, the system comprising:

a receiving module for receiving healthcare information for a patient, the

healthcare information having an associated time and date;

<u>an analyzing module for determining a type of the healthcare information;</u>

<u>a time-zone-assignment module for assigning a patient's time zone, a</u>

<u>user's time zone, a system's time zone, or a user-entered time zone with the</u>

<u>healthcare information based on the type of the healthcare information, now an</u>

<u>assigned time zone;</u>

~~an accessing module for accessing a database to determine, based at least partially on a type of the healthcare information, a time zone source rule that applies to the healthcare information~~

~~an obtaining module for obtaining the time zone source rule that applies to the healthcare information, wherein the time zone source rule comprises one or more of a patient's time zone rule, a user's time zone rule, a user entered time zone rule, and a system's time zone rule;~~

~~a utilizing module for utilizing the time zone source rule to determine a time zone for the time and date associated with the healthcare information;~~

a converting module for causing a computing device to convert the time and date associated with the healthcare information into coordinated universal format; and

a storing module for storing in a computer memory, the <u>assigned</u> time zone and the time and date associated with the healthcare information, wherein the time and date are in coordinated universal format.

27.   (Currently Amended) The system of claim 26, wherein, the healthcare information is of a type that includes at least results of one or more clinical events associated with the patient, and wherein the <u>assigned</u> time zone ~~source rule comprises~~ <u>is</u> the patient's time zone <u>which is</u> ~~rule and applies~~ the time zone of the location of the patient.

28.   (Original)   The system of claim 27, further comprising:

a determining module for determining whether the patient location is available and if so, obtaining the time zone associated with the patient location.

29.   (Currently Amended) The system of claim 28, wherein [[if]] when the patient location is not available, determining whether the time zone is specified by an interface.

30.   (Currently Amended) The system of claim 29, wherein [[if]] when the time zone is specified by the interface, storing the time zone for the healthcare information.

31.   (Currently Amended) The system of claim 30, wherein [[if]] when the time zone is not specified by the interface, applying the time zone of an end user.

32.   (Currently Amended) The system of claim 31, wherein, the healthcare information is of a type that includes at least patient information and historical information for the patient, and wherein the assigned time zone rule comprises the use entered is the user-entered time zone [[rule]] and applies which is a user-entered time zone.

33.   (Previously Presented)   The system of claim 32, wherein the time zone entered by the user is stored as entered by the user.

34.   (Currently Amended) The system of claim 26, wherein, the healthcare information is of a type that includes at least data produced by an interaction between a user and a healthcare information system, and wherein the assigned time zone source rule comprises is the user's time zone rule and applies which is the time zone of the location of a user entering the healthcare information for a patient.

35.   (Original)   The method of claim 34, further comprising:

a second obtaining module for obtaining the user location from a staff scheduling database.

36. - 41.   (Canceled)

42.   (Currently Amended) A computerized system for storing a<u>n assigned</u> time zone associated with healthcare information, the system comprising:

a receiving module for receiving healthcare information for a patient that has an associated date and time element, wherein the healthcare information is of a type that includes at least results of one or more clinical events associated with the patient;

a determining module for determining, based at least partially on the type of the healthcare information that the time zone of the patient's location applies to the healthcare information, [[and]] determining the time zone of the patient location<u>, and assigning the time zone of the patient location to the healthcare information, the time zone of the patient location now an assigned time zone</u>;

a converting module for converting the associated date and time element into universal time format; and

a storing module for storing the <u>assigned</u> time zone of the patient location and the associated date and time element for the healthcare information, wherein the associated date and time are stored in universal time format.

43.   (Canceled)

44.   (Currently Amended) A system in a computing environment for storing [[the]] <u>an assigned</u> time zone associated with healthcare information, the method comprising:

a receiving module for receiving healthcare information from a user for a patient, the healthcare information having an associated date and time element

and being of a type that includes ~~at least data produced by~~ one or more of test results, analysis of test results, analysis of patient data, notes, endorsements, and orders ~~an interaction between a user and the system~~;

a determining module for determining, based at least partially on the type of the healthcare information that the time zone of the user's location applies to the healthcare information, [[and]] determining the time zone of the location of a user, and assigning the time zone of the location of the user to the healthcare information, the time zone of the location of the user now an assigned time zone;

a converting module for converting the associated date and time element into coordinated universal format; and

a storing module for storing the assigned time zone ~~of the user for the healthcare information~~ and the associated date and time element, wherein the associated date and time are stored in coordinated universal format.

45.   (Original)   The system of claim 44, wherein the determining module determines the location of the user by accessing a staff scheduling database.

46.   (Currently Amended) A computerized system for displaying an assigned time zone for patient healthcare information, the system comprising:

a receiving module for receiving a request for healthcare information for a patient, the healthcare information including an associated date and time;

an obtaining module for obtaining the healthcare information and the stored date and time;

a second obtaining module for obtaining an assigned time zone stored for the healthcare information, wherein the assigned time zone ~~stored for the healthcare information is a result of~~ is determined by applying a rule to assign ~~one or more of~~ a patient's time zone ~~rule~~, a user's time zone ~~rule~~, a user-entered time zone, or ~~rule, and~~ a system's time zone ~~rule to the stored date and time~~ to the healthcare information based on a type of the healthcare information, and wherein the patient's time zone ~~rule applies~~ is assigned at least to ~~a type of~~ healthcare information that includes results of one or more clinical events associated with the patient, the user's time zone is assigned ~~rule applies~~ at least to ~~a type of~~ healthcare information that includes [[data]] documentation produced by the user's interactions with ~~an interaction between a user and~~ a healthcare information system, ~~the user-entered time zone rule applies at least to a type of healthcare information that includes data for which a time zone basis cannot be assumed, and~~ the system's time zone is assigned ~~rule applies~~ at least to ~~a type of~~ healthcare information that includes data associated with processing of the healthcare information by the healthcare information system, and the user-entered time zone is assigned to healthcare information to which the patient's time zone, user's time zone, and system's time zone are not assigned based on the rule; and

a displaying module for displaying the date and time for the healthcare information in the stored assigned time zone.

47.   (Original)   The system of claim 46, further comprising:

a third obtaining module for obtaining the stored date and time in Coordinated Universal Time.

48.   (Original)   The system of claim 47, further comprising:

a second displaying module for displaying the healthcare information for the patient in chronological order.

49.   (Canceled)

50.   (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method, the method comprising:

receiving a first item of healthcare information <u>for a patient</u> having an associated <u>first</u> time and date ~~for a patient~~;

<u>determining, based at least partially</u> ~~obtaining a first time source zone rule that applies to the first item of healthcare information based, at least partially,~~ on a type of the first item of healthcare information<u>, a time zone that applies to the first item of healthcare data</u>;

<u>assigning the time zone to the first item of healthcare, now a first assigned time zone</u>;

~~utilizing the first time zone source rule by a computing device to determine a first time zone for the time and date associated with the first item of healthcare information;~~

converting<u>,</u> at the computing device<u>,</u> the <u>first</u> time and date associated with the first item of healthcare information into a universal time format;

storing the first <u>assigned</u> time zone;

storing the <u>first</u> time and date ~~converted to~~ <u>in</u> universal time format ~~associated with the first item of healthcare information~~;

~~receiving a second item of healthcare information having an associated time and date for the same patient;~~

~~obtaining a second time zone source rule that applies to the second item of healthcare information based, at least partially, on a second type of the second item of healthcare information;~~

~~utilizing the second time zone source rule at a computing device to determine a second time zone for the time and date associated with the second item of healthcare information;~~

~~converting the time and date associated with the second item of healthcare information into a universal time format;~~

~~storing the second time zone;~~

~~storing the time and date converted to universal time format associated with the second item of healthcare information;~~

obtaining the <u>first time and date</u> stored <u>in</u> universal time format ~~for the first and second time zones associated with the first and second items of healthcare information for the patient~~, and a second time and date stored in universal time format that is associated with one or more second items of healthcare information for the patient;

applying the stored first <u>assigned</u> ~~and second~~ time zone to the <u>first time and date</u> stored <u>in</u> universal time format for the first ~~and second items~~ <u>item</u> of healthcare information <u>and applying a stored second assigned time zone to the second time and date associated with each of the one or more second items of healthcare information</u>; and

displaying the first and the one or more second items of healthcare information in sequential order based on the first and second times and dates stored in universal time format for each item, wherein the first and second times and dates time and date for the first and second items of healthcare information are displayed [[in]] converted to the respective first and second time zones.

51.   (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method, the method comprising:

receiving healthcare information for a patient that has an associated date and time element;

determining, based at least partially on a type of the healthcare information, that a patient's time zone [[rule]] applies to the healthcare information, wherein the patient's time zone [[rule]] applies to the type of healthcare information that includes results of one or more clinical events associated with the patient;

determining, based on the patient's time zone rule, a time zone of the patient location;

assigning the time zone of the patient location to the healthcare information, now an assigned time zone;

converting at a computing device the associated date and time element into coordinated universal format;

storing the assigned time zone of the patient location; and

storing the date and time element in coordinated universal format for the healthcare information.

52.   (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method, the method comprising:

receiving healthcare information from a user for a patient, the healthcare information having an associated date and time element;

determining based at least partially on a type of the healthcare information that a user's time zone [[rule]] applies to the healthcare information, wherein the user's time zone [[rule]] applies to the type of healthcare information that includes [[data]] one or more of test results, analysis of test results, analysis of patient data, notes, endorsements, and orders produced by an interaction between a user and a healthcare information system;

determining, based on the user's time zone rule, the time zone of the location of the user;

converting at a computing device the associated date and time element into coordinated universal format; and

storing the time zone of the user; and

storing the date and time element in coordinated universal format.

53.   (Currently Amended) A computer-readable medium having computer-executable instructions for performing a method, the method comprising:

receiving a request for healthcare information for a patient, the healthcare information having an associated date and time, wherein the associated date and time are stored in a universal time format;

obtaining the healthcare information and the associated date and time;

obtaining a~~n~~ <u>assigned</u> time zone stored for the healthcare information, wherein the <u>assigned</u> time zone ~~stored for the healthcare information~~ is determined by ~~a result of~~ applying <u>a time zone source rule to assign</u> ~~one or more of~~ a patient's time zone ~~rule~~, a user's time zone ~~rule~~, a user-entered time zone<u>, or</u> ~~rule, and~~ a system's time zone ~~rule~~ to the associated date and time based on a type of the healthcare information, and wherein the patient's time zone <u>is assigned</u> ~~rule applies at least~~ to a type of healthcare information that includes results of one or more clinical events associated with the patient, the user's time zone <u>is assigned</u> ~~rule applies at least~~ to a type of healthcare information that includes [[data]] <u>documentation</u> produced by <u>the user's interactions with</u> ~~an interaction between a user and~~ a healthcare information system, ~~the user-entered time zone rule applies at least to a type of healthcare information that includes data for which a time zone basis cannot be assumed, and~~ the system's time zone <u>is assigned</u> ~~rule applies at least~~ to a type of healthcare information that includes data associated with processing of the healthcare information by the healthcare information system<u>, and the user-entered time zone is assigned to healthcare information to which the patient's time zone, user's time zone, and system's time zone are not assigned based on the time zone source rule</u>;

converting the associated date and time from the universal time format to an equivalent time based on the time zone; and

displaying the date and time for the healthcare information in the equivalent time based on the <u>assigned</u> time zone.